87

random / cluster

A matrix of hot glass is stretched and folded back onto itself numerous times as it cools. Air is trapped between the folds and stretched along the grain of the loop, creating microfilaments that give the piece a pearlescent optical quality. A light source is introduced at one end of the loop casting light through the microfilaments and registering a gentle gradient.

Designed by Omer Arbel, 2017

www.bocci.ca

87

random / cluster

Lamping

1.8w LED or 10w xenon

Material

pulled glass, braided metal coaxial cable, electrical components, and brushed nickel or white powder coated canopy

Patent

Worldwide patents pending
EU Patent # 03611144 - 0005-0009

CE

c UL us LISTED
LOW VOLTAGE LUMINAIRE
E476186

Designed by Omer Arbel, 2017
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BOCCI

87

random / cluster

Adjustable Lengths

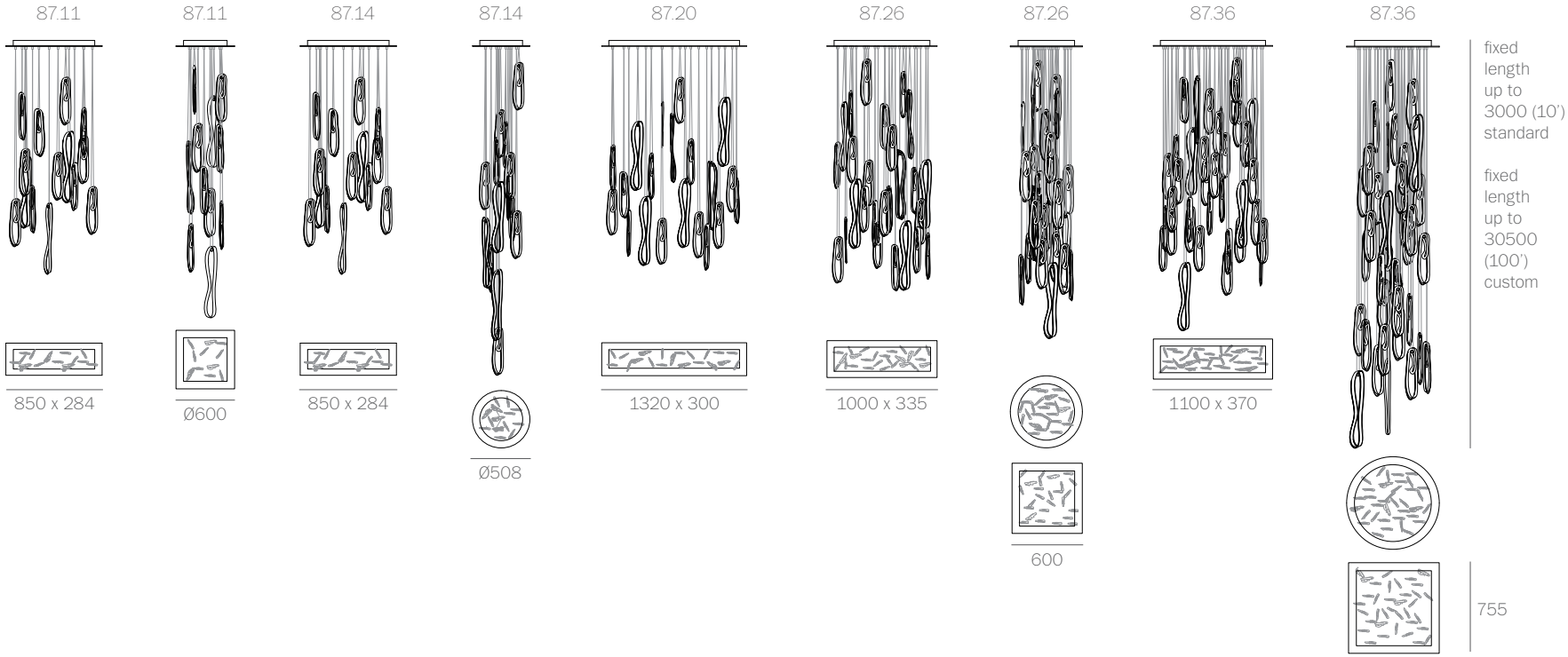
Random canopies

adjustable
up to
3000 (10')
standard

adjustable
up to
30500
(100')
custom

Fixed Lengths

Random canopies



fixed
length
up to
3000 (10')
standard

fixed
length
up to
30500
(100')
custom

BOCCI

87
random / cluster

Adjustable Lengths

Non-swag Cluster canopies

87.3

Ø152

87.7

Ø203

adjustable up to 3000 (10') standard

adjustable up to 30500 (100') custom

Fixed Lengths

Non-swag Cluster canopies

87.19

Ø501

87.37

Ø600

87.61

Ø707

fixed length up to 3000 (10') standard

fixed length up to 30500 (100') custom

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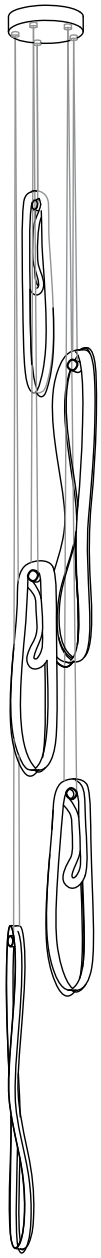

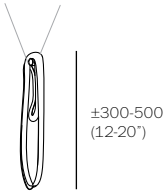

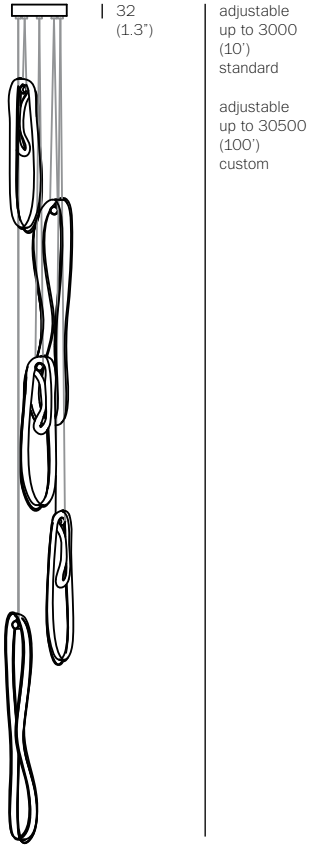

approx 6.8kg (15lb)

PENDANTS:	five
MOUNTING:	brushed nickel canopy 152 (6") in diameter x 32mm (1.3") deep
LAMPING:	1.8w LED or 10w xenon
COAX:	adjustable. 3000mm (10') standard / up to 30500mm (100') maximum
MATERIALS:	pulled glass, braided metal coaxial cable, electrical components, brushed nickel canopy
WEIGHT:	approximately 6.8kg (15lb)
TRANSFORMERS:	integral

DESCRIPTION

87.5 is a random configuration of five 87 pendants hung from a round canopy. The pendants are designed to hang in a random configuration, the result is an ambient installation or field of light. The pendant drop lengths on this light fixture are adjustable up to the specified maximum.

A matrix of hot glass is stretched and folded back onto itself numerous times as it cools. Air is trapped between the folds and stretched along the grain of the loop, creating microfilaments that give the piece a pearlescent optical quality. A LED light source is introduced at one end of the loop casting light through the microfilaments and registering a gentle gradient.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps
+ Unless otherwise noted when ordering, all chandeliers will be outfitted to be xenon compatible.
+ As an alternative to built-in transformers, Bocci recommends mounting transformers remotely in an easily accessible and hidden location for ease of long-term maintenance.

Worldwide patents pending
EU Patent # 03611144 - 0005-0009

Made in Vancouver, Canada

LOW VOLTAGE LUMINAIRE
E476186

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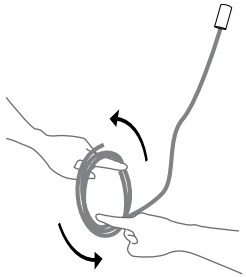
87.5

Design by Omer Arbel
PRODUCT SPECIFICATION

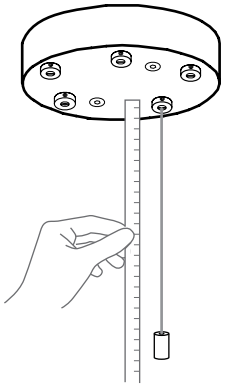
BOCCI



1

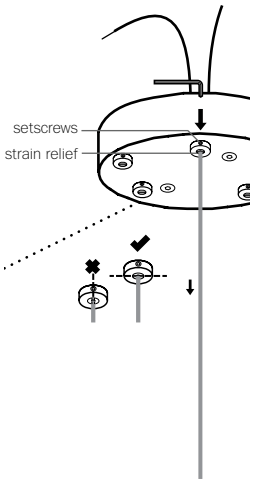
Very carefully uncoil the braided coaxial cable in a spool like manner. Insert your index fingers into opposite sides of the roll then rotate your fingers around each other to unroll the coaxial cable.

Use patience: allow the cable to uncoil completely to avoid kinks.



2

Determine the overall drop for the pendant fixture.



3

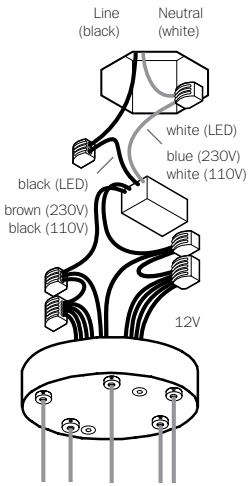
Thread the coaxial cables through the canopy, use a 2mm Allen key to loosen the setscrew in the canopy and gently feed the cable through until you have reached your desired drop length.

Use Allen key to tighten the setscrew to hold the strain relief and secure the coaxial cable at its new length. Perform a gentle tug test to ensure it is secure.

DO NOT OVERTIGHTEN.

Note: The strain relief is a black plastic collar around the coaxial cable. There is a single slot opening on the side of the strain relief component. It is essential that this opening is oriented at 90 degrees to set screw chamber. There can be no contact between the set screw and the cable.

RISK OF ELECTRIC SHORT!



4

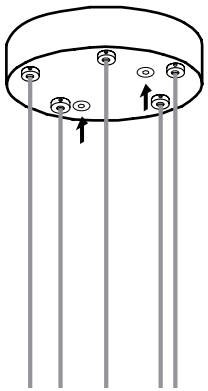
Xenon (110V) or LED: connect the black wire to black and white wire to white wire.

Xenon (230V): connect black wire to brown wire and white wire to blue wire.

Connect the coaxial cable to the open slots in the terminal block on the 12V side of the transformers.

Ensure that the braided outer wires are all connected to one 12V output wire and all inner insulated wires are connected to the other or a short will occur.

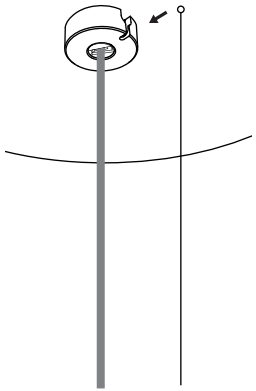
Once all coaxial connections are made, lift the fixture into position and connect the line voltage to the open slot in the appropriate terminal block.



5

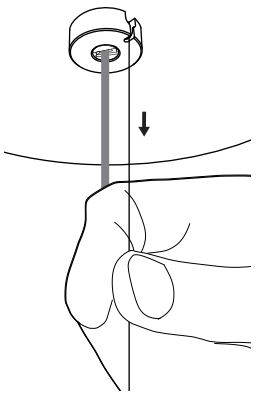
The client is responsible to ensure fasteners are attached to a robust structural substrate.

Tuck the transformer and wiring into the canopy. Line up the fastener holes or connect directly to structural ceiling surface using the fasteners provided.



6

On the canopy, there is a slot that will receive the ball on the end of aircraft cable. Slide ball end aircraft cable into the slot.



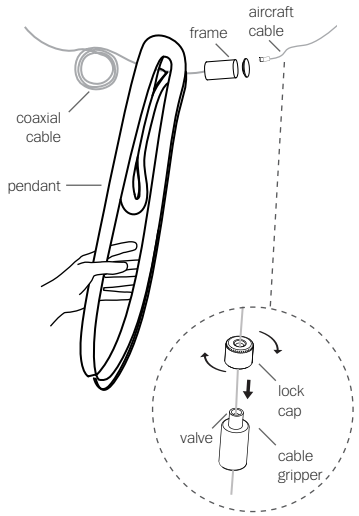
7

Pull it gently to make sure the aircraft cable is seated properly.

87.5

Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI

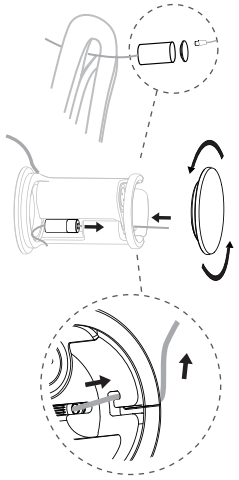


8

Loosen the lock cap and push the valve on the cable gripper and adjust the position of the cable gripper so that the aircraft cable is roughly the same length as the coaxial cable.

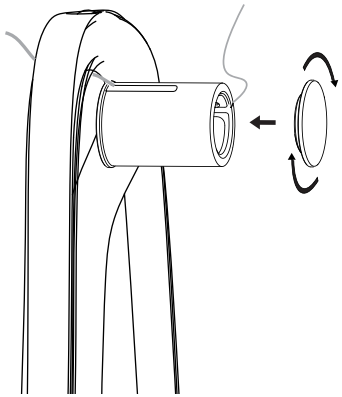
Thread the lock cap back into place, hand tighten and apply a load to the cable to ensure it is locked.

Thread the frame assembly through the top hole of the 87 pendant.



9

Unscrew frame cap opposite to the coaxial cable. Hook the cable gripper into the pocket inside the frame and guide the cable through the u-shaped hook in the frame and the silicone tube.



10

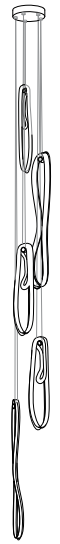
Screw frame cap back onto the frame assembly.

11

Rest pendant onto frame assembly.

If needed, repeat step 8 to adjust the position of frame.

Note: Frame assembly should hang level. The swag cable and the coaxial cable should be approximately the same length.



12

Clean fingerprints from glass surfaces.

Turn fixture on.

For additional assistance, please contact Bocci:

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sales@bocci.ca
www.bocci.ca

Berlin
europe@bocci.ca
www.bocci.ca

Worldwide patents pending
EU Patent # 03611144 - 0005-0009

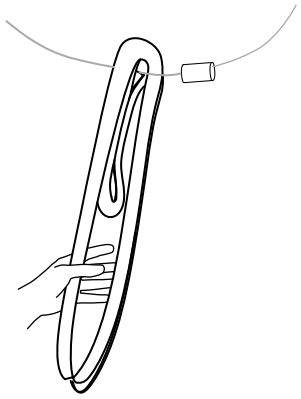
Made in Vancouver, Canada

LOW VOLTAGE LUMINAIRE
E476186

87.5

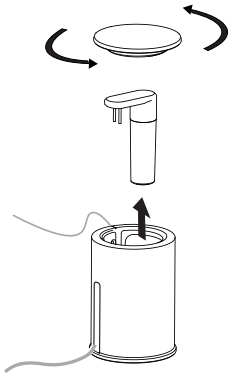
Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI



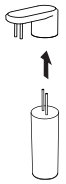
1

Lift glass off of lamp holder assembly and hold securely.



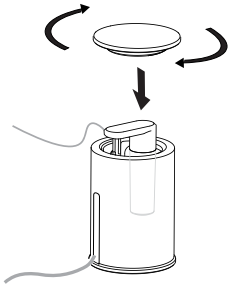
2

Unscrew cap at the aircraft cable end of the lamp holder assembly. Push coaxial cable through the slot in the silicone sheath, and remove lamp and lamp adapter.



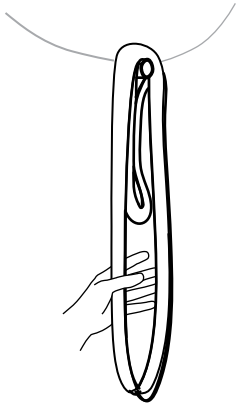
3

Remove lamp from lamp adapter and replace with new bulb.



4

Screw cap back onto the lamp holder assembly.



5

Gently rest pendant back onto lamp holder assembly.

Clean fingerprints from glass surfaces.

Turn fixture on.

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Worldwide patents pending
EU Patent # 03611144 - 0005-0009

Made in Vancouver, Canada

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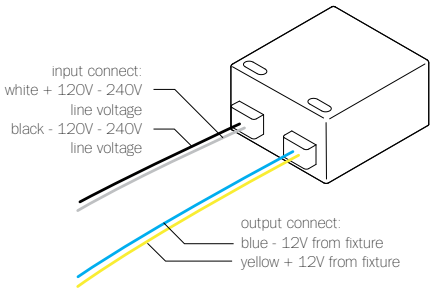
87.5

Design by Omer Arbel
LAMP REPLACEMENT INSTRUCTIONS

BOCCI

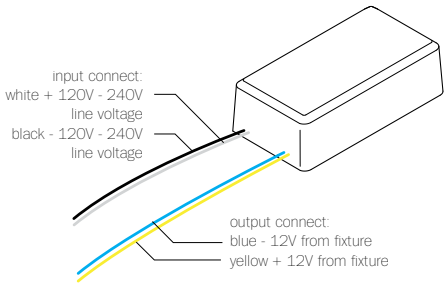
120/240V LED Driver - 4W



B-L03U-12V

PRIMARY:	AC 100 - 240V, 120mA, 50/60Hz
SECONDARY:	Max. 12V DC (4.2w max.)
LAMPING:	1w LED lamps: 1-3 1.5w LED lamps: 1-2 1.8w LED lamps: 1-2 2.3w ring LED lamps: 1
DIMMING:	Non-dimmable
NOTES:	Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	43mm (1.7") x 41mm (1.6") x 22mm (0.8")
DESIGNATION:	E124867 SELV-equivalent ta: 50°C tc: 75°C

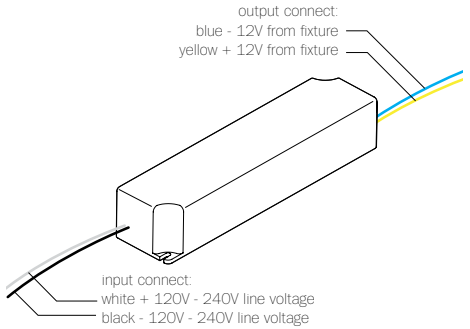
120/240V LED Driver - 8W



B-L07U-12V

PRIMARY:	AC 100 - 240V, 170mA, 50/60Hz
SECONDARY:	Max. 12V DC (8.4w max.)
LAMPING:	1w LED lamps: 1-7 1.5w LED lamps: 1-5 1.8w LED lamps: 1-4 2.3w ring LED lamps: 1-3
DIMMING:	Non-dimmable
NOTES:	Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	65mm (2.5") x 35mm (1.3") x 28mm (1.1")
DESIGNATION:	E124867 SELV-equivalent ta: 50°C tc: 75°C

120/240V LED Driver - 24W



B-L24U-12V

PRIMARY:	AC 100 - 240V, 300mA, 60Hz
SECONDARY:	Max. 12V DC (24w max.)
LAMPING:	1w LED lamps: 1-24 1.5w LED lamps: 1-16 1.8w LED lamps: 1-13 2.3w ring LED lamps: 1-10
DIMMING:	Dimmable using minimum 8 lamps and improves with larger load. Use low voltage electronic dimmers only
NOTES:	Short Circuit Protection Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	42mm (1.7") x 170mm (6.7") x 33mm (1.3")
DESIGNATION:	E124867 SELV-equivalent

LED
Drivers
PRODUCT SPECIFICATION

For additional assistance, please contact Bocci:

Vancouver
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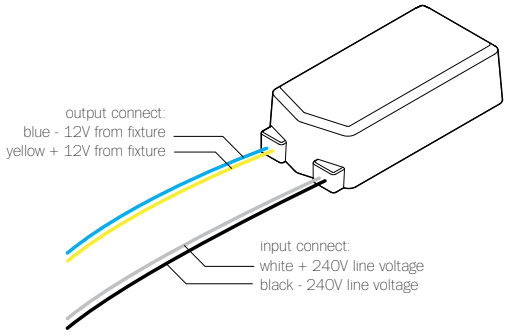
BOCCI

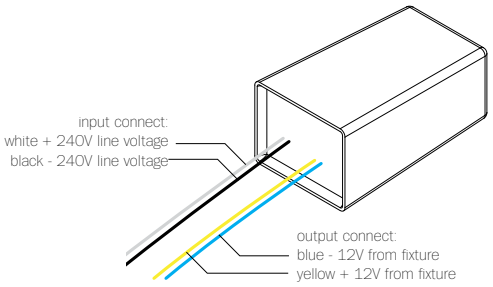
120V Transformer



WH-601E6A-3C

PRIMARY:	AC 120V 50/60Hz, 500mA
SECONDARY:	12V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	70mm (2.8") x 36mm (1.4") x 20mm (0.75")
DESIGNATION:	60 WATT, c UL us E124867

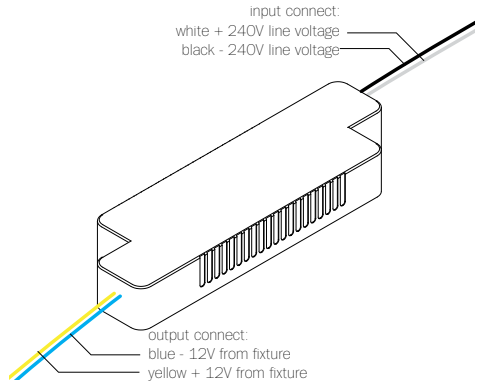
240V Transformer



WH-602W

PRIMARY:	AC 230V-240V 50Hz, 260mA
SECONDARY:	11.5V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	63mm (2.5") x 35mm (1.4") x 26mm (1")
DESIGNATION:	60 WATT, CE, IP65, ta: 50°C tc: 80°C

240V Transformer



WH-602S

PRIMARY:	AC 230V-240V 50Hz, 260mA
SECONDARY:	11.5V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	117mm (4.5") x 36mm (1.4") x 16mm (0.6")
DESIGNATION:	60 WATT, CE, 110 F, M M

XENON

Transformers

PRODUCT SPECIFICATION

For additional assistance, please contact Bocci:

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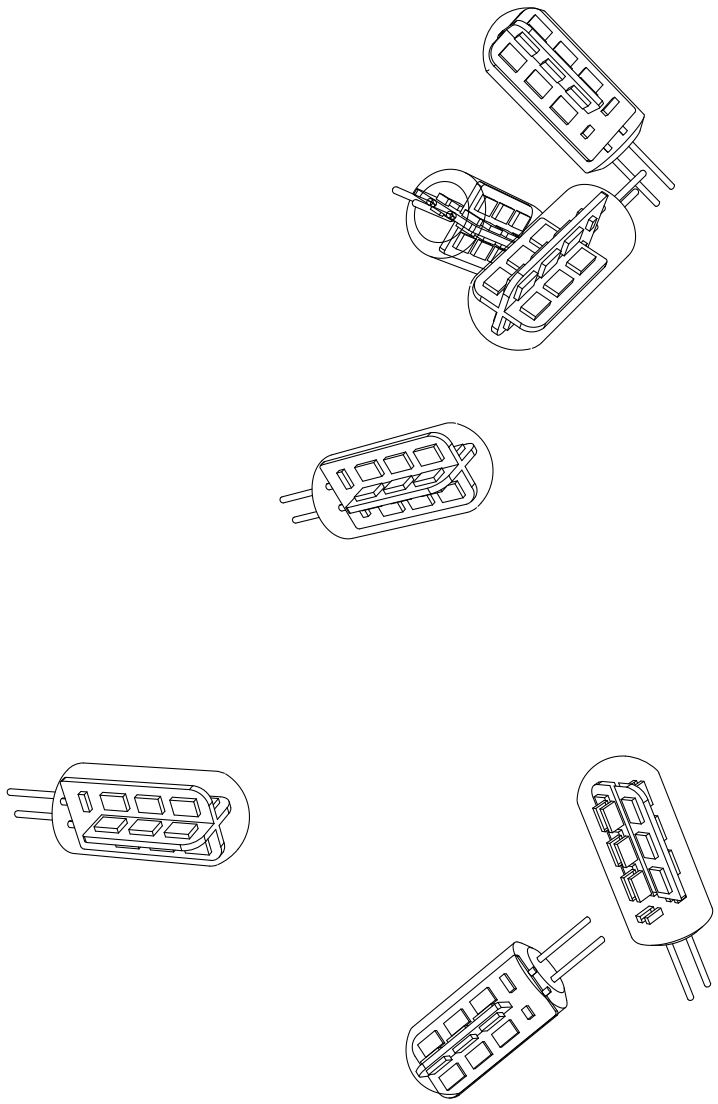
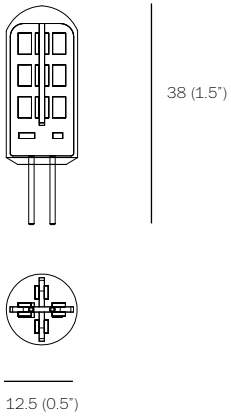
BOCCI





WATTAGE:	1.8w
COLOUR TEMPERATURE:	2600k
CRI:	75 (100 is daylight)
LIGHT OUTPUT:	142 lumens
EFFICIENCY:	60 lm/w
LAMP LIFE:	25,000 hours

DESCRIPTION

The Bocci 1.8w LED lamping option offers a longer-life, energy efficient alternative to typical halogen or xenon lamps. This proprietary and worldwide patent pending design utilizes Bocci's standard G4 lamp holder (9.1mm/0.36" in diameter), which is designed to accept either the Bocci xenon lamp or the Bocci LED lamp. The possibility of dual usage allows the opportunity for existing chandeliers with xenon lamping to be retrofitted on site to LED along with the appropriate driver.

This unique replacement design is unlike typical embedded xenon fixtures as it eliminates the waste associated with catastrophic failures that leave no choice but to replace the entire fixture. When it comes time to relamp, the xenon heads may simply be replaced, as with conventional lamps. Bocci xenon lamp keeps the fixture out of landfills in the future, protects your investment and introduces a significant saving of energy.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps

RoHS CE

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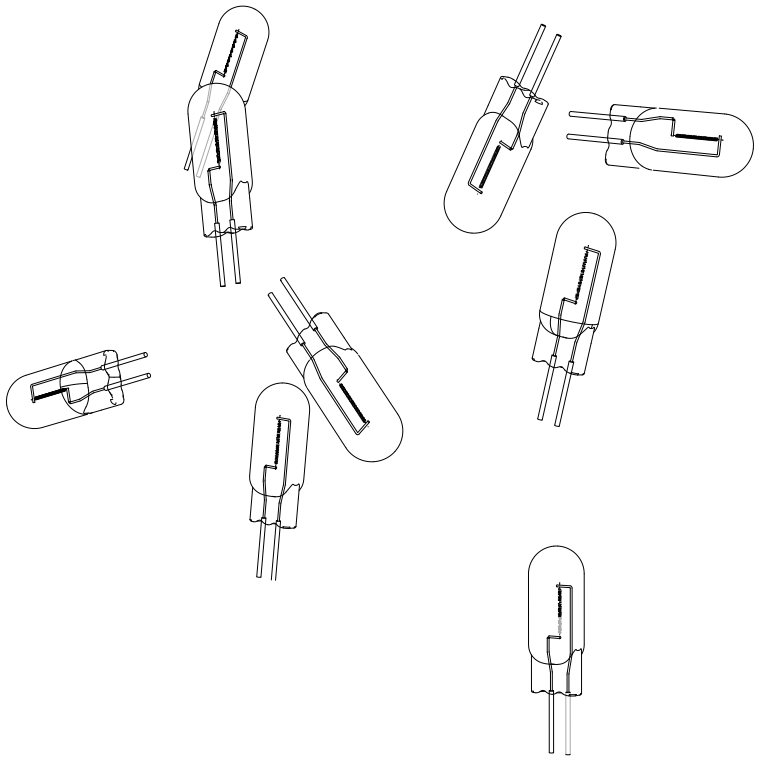
www.bocci.ca

LED

1.8W

Design by Omer Arbel
PRODUCT SPECIFICATION

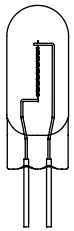
BOCCI



XENON

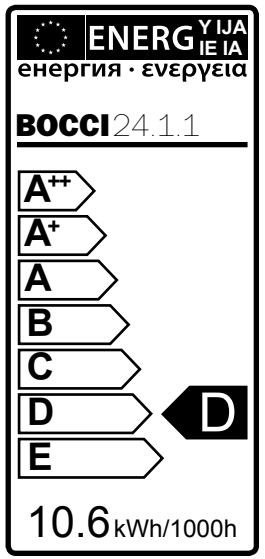
10W

Design by Omer Arbel
PRODUCT SPECIFICATION



32.3 (1.3")

9.1 (0.36")



WATTAGE:	10w
COLOUR TEMPERATURE:	2600k
CRI:	100 (100 is daylight)
LIGHT OUTPUT:	81 lumens
EFFICIENCY:	8.3 lm/w
DIMMABLE:	yes
LAMP LIFE:	20,000 hours

DESCRIPTION

The Bocci 10w xenon lamping option offers a longer-life, energy efficient alternative to typical halogen or xenon lamps. This proprietary and worldwide patent pending design utilizes Bocci's standard G4 lamp holder (9.1mm/0.36" in diameter), which is designed to accept either the Bocci xenon lamp or the Bocci LED lamp. The possibility of dual usage allows the opportunity for existing chandeliers with xenon lamping to be retrofitted on site to LED along with the appropriate driver.

This unique replacement design is unlike typical embedded xenon fixtures as it eliminates the waste associated with catastrophic failures that leave no choice but to replace the entire fixture. When it comes time to relamp, the xenon heads may simply be replaced, as with conventional lamps. Bocci xenon lamp keeps the fixture out of landfills in the future, protects your investment and introduces a significant saving of energy.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps
+ Requires electronic low-voltage, trailing edge dimmer
+ When replacing, do not touch bulb with bare hands

RoHS CE

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BOCCI